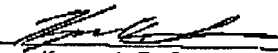


Appl. No. 10/538,369  
Amendment and/or Response  
Reply to Office action of 21 December 2006

Page 1 of 13

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/538,369  
Applicant(s) : Geoffrey F. BURNS et al.  
Filed : 13 June 2005  
TC/A.U. : 2112  
Examiner : Vincent Fong  
Atty. Docket : US-020543US

<p><b>RECEIVED</b> <b>CENTRAL FAX CENTER</b> <b>MAY 21 2007</b></p> <p><b>CERTIFICATE OF MAILING TRANSMISSION</b></p> <p>I certify that this correspondence is being:</p> <p><input type="checkbox"/> deposited with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p><input checked="" type="checkbox"/> transmitted by facsimile to the U.S. Patent and Trademark Office at (571) 273-8300</p> <p>On: <u>21 May 2007</u></p> <p>By: <u></u> Kenneth D. Springer</p>
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Title: MODULAR INTEGRATION OF AN ARRAY  
PROCESSOR WITHIN A SYSTEM ON CHIP

**AMENDMENT and/or RESPONSE under 37 C.F.R. § 1.111**

U.S. Patent and Trademark Office  
Customer Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In response to the non-final Office action of 21 December 2006, the period for Response to which is hereby extended by the accompanying Petition and Petition Fee through 21 May 2007, please amend the above referenced application as follows and reconsider the application in light of the following remarks.

This paper includes (each beginning on a separate sheet):

1. Amendments to the claims;
2. Amendments to the drawing figures;
3. Remarks/Discussion of issues;
4. Attached replacement drawing sheet(s).

Atty. Docket No. US-020543US